

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO.	SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 (Use several sheets if necessary)					RCA 90,045		
					APPLICANTS		
					Belotserkovsky, et al. Herewith		
					FILING DATE	GROUP	
					Herewith		
U.S. PATENT DOCUMENTS							
EXAMINEE INITIAL	DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE		CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	4,635,276	01/06/87	Karabinis		375	15	
AB	5,159,565	10/27/92	Bune		364	724.16	
AC	5,222,101	06/22/93	Ariyavisitakul, et al.		375	13	
AD	5,297,165	03/22/94	Ueda, et al.		375	12	
AE	5,351,134	09/27/94	Yaguchi, et al.		358	435	
AF	5,414,732	05/09/95	Kaufmann		375	232	
AG	5,475,710	12/12/95	Ishizu, et al.		375	232	
AH	5,602,602	02/11/97	Hulyalkar		348	607	
AI	5,787,118	07/28/98	Ueda		375	232	
AJ	5,841,484	11/24/98	Hulyalkar, et al.		348	607	
AK	5,956,624	09/21/99	Hunsinger et al.		455	65	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION Yes No
AL							
AM							
AN							
AO							
AP							
AQ							
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)							
AR		B.P. Lathi, "Modern Digital and Analog Communication Systems," pp 163, 168, 206, 1983					
AS		J.A. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, Vol. 28. No.5, pp. 5-14, May 1990.					
AT		J.M. Cioffi, "A Multicarrier Primer," in ANSI T1E1.4 Committee Contribution, No. 91-157, Boca Raton, FL, Nov. 1991.					
EXAMINER			DATE CONSIDERED				
SUBMITTED BY:		Vincent E. Duffy	REG. NO.:	DATE:			
			39,964	9/18/01			

09/955392
09/18/01

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BA		6,014,407	01/11/00	Hunsigner, et al.	375	206		
BB		6,034,564	03/07/00	Iwamatsu	329	306		
BC		6,144,708	11/07/00	Maruyama	375	327		
BD		6,167,082	12/26/00	Ling, et al.	375	233		
BE		6,175,591 B1	01/16/01	Iwamatsu	375	232		
BF		6,181,714 B1	01/30/01	Isaksson, et al.	370	491		
BG		6,188,722 B1	02/13/01	Velez, et al.				
BH								
BI								
BJ								
BK								
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes	No
BL								
BM								
BN								
BO								
BP								
BQ								
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)								
	BR		Simon Haykin, "Adaptive Equalization," Communication Systems, 3 rd Edition, John Wiley & Sons, pp. 452-458, New York, 1994.					
	BS		'Broadband Radio Access Networks (BRAN); HIPERLAN Type 2 Functional Specification, Part 1 - Physical (PHY) layer," European Telecommunications Standards Institute, Vol. J, Sep. 1999.					
	BT		DRAFT Supplement to STANDARD [for] Information Technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High Speed Physical Layer in the 5 GHz Band, IEEE P802.11a/D7.0, (Supplement to IEEE Std 802.11-1999)					
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CF								
CG								
CH								
CI								
CJ								
CK								
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	DOCUMENT NUMBER	PUBL. DATE	COUNTRY			CLASS	SUB-CLASS	TRANSLATION Yes No
CL								
CM								
CN								
CO								
CP								
CQ								
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)								
CR	<u>http://www.seas.ucla.edu/~langit/slicer.m, pp.1, 07/19/01</u>							
CS	Gregory T. Uehara, Caesar S.H. Wong, Jacques C. Rudell, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer/Viterbi, Sequence Detector in 1.2µm CMOS, Electronics Research Laboratory, Department of Electrical Engineering & Computer Sciences, University of California, <u>http://kabuki.eecs.berkeley.edu/%7Ejrudell/papers/CICC/</u> pp. 1-11, Berkeley CA, 07/19/01							
CT	Caesar S.H. Wong, Jacques C. Rudell, Gregory T. Uehara, and Paul R. Gray, A 50MHz 70mW 8-Tap Adaptive Equalizer for Partial Response Channels, Department of Electrical Engineering and Computer Sciences, University of California, <u>http://kabuki.eecs.berkely.edu%7Ejrudell/papers/jssc/</u> , pp.1-19, Berkeley, CA, 07/19/01.							
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